

**Iowa Department of Natural Resources
Voluntary Operating Permit**

NAME OF PERMITTED FACILITY: **Phillips Pipe Line Company -
Bettendorf Terminal**

FACILITY LOCATION: **2925 DEPOT STREET
BETTENDORF, IA 52722**

AIR QUALITY OPERATING PERMIT NUMBER: **98-VOP-009**

Expiration Date: **June 8, 2003**

EIQ Number: **92-5770**

Facility File Number: **82-02-025**

RESPONSIBLE OFFICIAL

Name: **T. J. Rich**
Title: **President**
Mailing Address: **370 Adams Building, Bartlesville, OK 74004**
Phone #: **918/661-7473**

PERMIT CONTACT PERSON FOR THE FACILITY

Name: **Mark Hilbert**
Title:
Mailing Address: **2925 Depot Street, Bettendorf, IA 52722**
Phone #: **319/355-2654**

This permit is issued in accordance with 567 Iowa Administrative Code Chapter 22, and is issued subject to the terms and conditions contained in this permit.

For the Director of the Department of Natural Resources

Christine Spackman, Supervisor, Air Quality Operating Permits Section

Date

Table of Contents

	Page Number
I. Facility Description and Equipment List	4
II. Plant - Wide Conditions	6
III. Emission Point Specific Conditions	9
IV. General Conditions.....	49
A. Eligibility	
B. Duty To Supplement or Correct Application	
C. Access to the Permit	
D. Requirement to Apply for a Title V Permit	
E. Permit Renewal	
F. Duty to Comply	
G. Certification Requirement for Related Documents	
H. Voluntary Operating Permit Fee	
I. Inspection of Premises, Records, Equipment, Methods and Discharges	
J. Duty to Provide Information	
K. Hazardous Release	
L. Excess Emissions and Excess Emissions Reporting Requirements	
M. Notification Requirements for Sources that Become Subject to NSPS and HAP Regulations	
N. Duty to Obtain Construction Permits	
O. Suspension, Termination, and Revocation of Voluntary Operating Permits	
P. Property Rights	
Q. Fugitive Emissions	
R. Asbestos	
S. Open Burning	
T. Stratospheric Ozone and Climate Protection (Title VI) Requirements	
U. Disclaimer	
V. Prevention of Accidental Release: Risk Management Plan	
W. Facility Operation	
X. Contact List	
Y. Severability	

Abbreviations

EP	emission point
EU.....	emission unit
acfm	actual cubic feet per minute
CFR	Code of Federal Regulations
° F	degrees Fahrenheit
EIQ	emissions inventory questionnaire
gr./dscf.....	grains per dry standard cubic foot
IAC	Iowa Administrative Code
IDNR	Iowa Department of Natural Resources
MVAC	motor vehicle air conditioner
NSPS	new source performance standards
lb/hr	pounds per hour
lb/MMBtu.....	pounds per million British thermal units
USEPA	United States Environmental Protection Agency
MWe.....	Megawatt electrical
tpy.....	tons per year
MMBtu/hr.....	million British thermal units per hour
kW	kilowatts
hp.....	horsepower
N/A	not applicable

Pollutants

PM	particulate matter
SO ₂	sulfur dioxide
NO _x	nitrogen oxides
VOC	volatile organic compounds
CO	carbon monoxide
HAP.....	hazardous air pollutants

I. Facility Description and Equipment List

Facility Name Phillips Pipe Line Company - Bettendorf Terminal
Permit Number: 98-VOP-009

Facility Description: Petroleum bulk station and distribution terminal.

Equipment List

Emission Point Number	Associated Emission Unit(s) Number (s)	Associated Emission Unit Description
T-01	T-01	Vertical Fixed Roof Tank; 1,051,260 gallons; kerosene, jet kerosene, diesel
T-02	T-02	Vertical Fixed Roof Tank; 540,372 gallons; kerosene, jet kerosene, diesel
T-03	T-03	Vertical Fixed Roof Tank; 540,372 gallons; kerosene, jet kerosene, diesel
T-04	T-04	External Floating Roof Tank; 2,316,216 gallons; gasoline, kerosene, jet kerosene, diesel
T-05	T-05	Lifter Roof Tank; 837,060 gallons; kerosene, jet kerosene, diesel
T-06	T-06	Vertical Fixed Roof Tank; 3,371,676 gallons; kerosene, jet kerosene, diesel
T-07	T-07	External Floating Roof Tank; 1,008,462 gallons; gasoline, kerosene, jet kerosene, diesel
T-08	T-08	Vertical Fixed Roof Tank; 2,325,162 gallons; kerosene, jet kerosene, diesel
T-09	T-09	External Floating Roof Tank; 2,331,546 gallons; gasoline, kerosene, jet kerosene, diesel
T-10	T-10	Internal Floating Roof Tank; 1,690,164 gallons; gasoline, kerosene, jet kerosene, diesel
T-310	T-310	Vertical Fixed Roof Tank; 418,152 gallons; ethanol, kerosene, jet kerosene, diesel
T-655	T-655	External Floating Roof Tank; 2,306,682 gallons; gasoline, kerosene, jet kerosene, diesel
T-755	T-755	Internal Floating Roof Tank; 2,227,092 gallons; gasoline, kerosene, jet kerosene, diesel
T-855	T-855	Vertical Fixed Roof Tank; 2,339,568 gallons; kerosene, jet kerosene, diesel

Equipment List (continued)

Emission Point Number	Associated Emission Unit(s) Number (s)	Associated Emission Unit Description
T-107	T-107	Vertical Fixed Roof Tank; 314,832 gallons; kerosene, jet kerosene, diesel
T-207	T-207	Vertical Fixed Roof Tank; 310,968 gallons; kerosene, jet kerosene, diesel
T-940	T-940	Internal Floating Roof Tank; 1,629,978 gallons; gasoline, kerosene, jet kerosene, diesel
T-APHIL	T-APHIL	Vertical Fixed Roof Tank; 9,988 gallons; additives¹
T-ATEX	T-ATEX	Horizontal Fixed Roof Tank; 2,000 gallons; additives
T-AFARM	T-AFARM	Horizontal Fixed Roof Tank; 2,000 gallons; additives
T-AGROW	T-AGROW	Vertical Fixed Roof Tank; 2,000 gallons; additives
T-APARA	T-APARA	Horizontal Fixed Roof Tank; 560 gallons; additives
T-ARED	T-ARED	Horizontal Fixed Roof Tank; 165 gallons; additives
FUG VAP (Fugitive)	FUG VAP	Valves and Connectors in Vapor Service
FUG LIQ (Fugitive)	FUG LIQ	Valves, Pumps, Connectors, Open-Ended Lines and Drains in Liquid Service
LRACK	LRACK	Tank Truck Loading Rack (gasoline with additives, ethanol, kerosene, jet kerosene, diesel)
SUMP (Fugitive)	SUMP	Wastewater Sump
OVS	OVS	Oil/Water Separator
STRIP	STRIP	Air Stripper
PROVE (Fugitive)	PROVE	Meter Proving (Calibration Verification)

¹ For the purposes of this permit, “additives” denotes Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. Other specific additives may also be handled by this facility provided each such additive meets the criteria established by this permit.

II. Plant-Wide Conditions

Facility Name: Phillips Pipe Line Company - Bettendorf Terminal

Permit Number: 98-VOP-009

Permit conditions are established in accord with 567 Iowa Administrative Code (IAC) rule 22.206

Permit Duration

The term of this permit is: 5 years

Commencing on: June 9, 1998

Ending on: June 8, 2003

Permits may be suspended, terminated, or revoked as specified in 567 IAC 22.208.

Plant-Wide Emission Limits

The atmospheric emissions from the plant as a whole shall not exceed the following:

Pollutant: Volatile Organic Compounds (VOCs)

Emission Rate (tons/rolling 12-month period): 99.0

Authority for Requirement: 567 IAC 22.206(1)

Pollutant: Hazardous Air Pollutants (HAPs)

Emission Rate (tons/rolling 12-month period): 9.5 (single HAP), 24.0 (combined HAPs)

Authority for Requirement: 567 IAC 22.206(1)

Operational Limits & Requirements

Phillips Pipe Line Company, Bettendorf Terminal, shall limit their facility-wide throughput of each product to levels which ensure that the plant-wide emission limits above will not be exceeded. Facility-wide product throughput shall not exceed the following:

Product: Gasoline

Quantity (gallons/rolling 12-month period): 180,000,000

Authority for Requirement: 567 IAC 22.206(1)

Products: Kerosene, Jet Kerosene, and Diesel

Quantity (gallons/rolling 12-month period): 180,000,000 (total throughput of all three products)

Authority for Requirement: 567 IAC 22.206(1)

Product: Ethanol

Quantity (gallons/rolling 12-month period): 20,000,000
Authority for Requirement: 567 IAC 22.206(1)

Products: Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. Other specific additives may also be handled by this facility provided that each such additive has lower HAP concentrations than Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009; and provided that each such additive has a vapor pressure and molecular weight such that the product of its vapor pressure (psia) and molecular weight is less than the product of the vapor pressure (psia) and molecular weight of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. When determining if a specific additive meets the latter criterion, the vapor pressure of the new additive must be based upon a temperature that is equal to or greater than the temperature upon which the vapor pressures of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009 are based. For this demonstration, the vapor pressures of all additives must be based upon a temperature of at least 46 °F and no greater than 100 °F.

Quantity (gallons/rolling 12-month period): 486,000
Authority for Requirement: 567 IAC 22.206(1)

Based on information contained in the permit application, all product leaves the facility via tank trucks. Therefore, for the purposes of this permit, facility throughput for a given time period shall be considered equal to the amount of product which passes through the loading rack into tanker trucks.

Unless specified otherwise in the Emission Point Specific Conditions, the following limitations apply to all emission points at this plant:

Opacity (Visible Emissions): 40% opacity
Authority for Requirement: 567--IAC 23.3(2)"d"

SO₂: 500 parts per million
Authority for Requirement: 567--IAC 23.3(3)"e"

Particulate Matter: Shall not exceed the amount determined from Table I (process weight rate) of Chapter 23 of the rules. If the director determines that a process complying with the emission rates specified in Table I is causing or will cause air pollution in a specific area of the state, an emission standard of 0.1 grain per standard cubic foot of exhaust gas may be imposed.
Authority for Requirement: 567--IAC 23.3(2)"a"

Fugitive Dust: Attainment and Unclassified Areas - No person shall allow, cause or permit any materials to be handled, transported or stored; or a building, its appurtenances or a construction haul road to be used, constructed, altered repaired or demolished, with the exception of farming operations or dust generated by ordinary travel on unpaved public roads, without taking reasonable precautions to prevent particulate matter in quantities sufficient to create a nuisance, as defined in Iowa Code section 657.1, from becoming airborne. All persons, with the above exceptions, shall take reasonable precautions to prevent the discharge of visible emissions of fugitive dusts beyond the lot line of the property on which the emissions originate.

Monitoring, Reporting and Recordkeeping Requirements

The permittee shall maintain the following compliance monitoring records:

- a. The date, place and time of sampling or measurements.
- b. The date the analyses were performed.
- c. The company or entity that performed the analyses.
- d. The analytical techniques or methods used.
- e. The results of such analyses.
- f. The operating conditions as existing at the time of sampling or measurement.
- g. The records of quality assurance for continuous compliance monitoring systems (including, but not limited to, quality control activities, audits and calibration drifts).
- h. The facility throughput of gasoline, kerosene, jet kerosene, diesel, ethanol and additives for each consecutive 12-calendar month period.

Records of facility throughput for each consecutive 12-calendar month period shall be updated monthly to reflect throughput for the most recent consecutive 12-calendar month period. Updates must be complete no later than 30 days following the end of the period to which the records relate.

The permittee shall provide the IDNR an annual throughput report by March 31 of each year. This report shall include throughput data for each consecutive 12-calendar-month period which ended during the calendar year.

Unless otherwise specified, the permittee shall retain records of all required compliance data and support information required under this permit for a period of at least 5 years from the date of compliance monitoring sample, measurement report or application. Support information includes all calibration and maintenance records and all original strip chart recordings for continuous compliance monitoring, and copies of all reports required by the permit.

Authority for Requirement: 567 IAC 22.206(1)

Non-Applicable Requirements

The throughput limits for this facility will keep HAP emissions generated by the facility below the major source thresholds of 10 and 25 tons/year for individual and combined HAPs. Having been issued this federally enforceable permit by June 15, 1998, the facility will not be subject to the National Emission Standards for Hazardous Air Pollutants promulgated in 40 CFR 63, Subpart R.

III. Emission Point-Specific Conditions

Facility Name: Phillips Pipe Line Company - Bettendorf Terminal
Permit Number: 98-VOP-009

Emission Point ID Number: T-01

Associated Equipment

Associated Emission Unit ID Number (if multiple units vent through this EP): T-01

Applicable Requirements

Emission Unit vented through this Emission Point: T-01
Emission Unit Description: Vertical Fixed Roof Tank
Raw Material/Fuel: Kerosene, jet kerosene and/or diesel
Rated Capacity: 1,051,260 gallons

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

Not applicable at this time.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Hours of operation: N/A
Process throughput: This tank may store only kerosene, jet kerosene and/or diesel.
Control equipment parameters: N/A
Work practice standards: N/A
Reporting & Record keeping: The permittee shall record and maintain a list of all products stored in this tank.
Authority for Requirement: 567 IAC 22.206(1)

Monitoring and Reporting Requirements

Not applicable at this time.

Emission Point ID Number: T-02

Associated Equipment

Associated Emission Unit ID Numbers (if multiple units vent through this EP): T-02

Applicable Requirements

Emission Unit vented through this Emission Point: T-02

Emission Unit Description: Vertical Fixed Roof Tank

Raw Material/Fuel: Kerosene, jet kerosene and/or diesel

Rated Capacity: 540,372 gallons

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

Not applicable at this time.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Hours of operation: N/A

Process throughput: This tank may store only kerosene, jet kerosene and/or diesel.

Control equipment parameters: N/A

Work practice standards: N/A

Reporting & Record keeping: The permittee shall record and maintain a list of all products stored in this tank.

Authority for Requirement: 567 IAC 22.206(1)

Monitoring and Reporting Requirements

Not applicable at this time.

Emission Point ID Number: T-03

Associated Equipment

Associated Emission Unit ID Numbers (if multiple units vent through this EP): T-03

Applicable Requirements

Emission Unit vented through this Emission Point: T-03

Emission Unit Description: Vertical Fixed Roof Tank

Raw Material/Fuel: Kerosene, jet kerosene and/or diesel

Rated Capacity: 540,372 gallons

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

Not applicable at this time.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Hours of operation: N/A

Process throughput: This tank may store only kerosene, jet kerosene and/or diesel.

Control equipment parameters: N/A

Work practice standards: N/A

Reporting & Record keeping: The permittee shall record and maintain a list of all products stored in this tank.

Authority for Requirement: 567 IAC 22.206(1)

Monitoring and Reporting Requirements

Not applicable at this time.

Emission Point ID Number: T-04

Associated Equipment

Associated Emission Unit ID Numbers (if multiple units vent through this EP): T-04

Applicable Requirements

Emission Unit vented through this Emission Point: T-04

Emission Unit Description: External Floating Roof Tank

Raw Material/Fuel: Gasoline, kerosene, jet kerosene and/or diesel

Rated Capacity: 2,316,216 gallons

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

Not applicable at this time.

Operational Limits & Requirements.

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Hours of operation: N/A

Process throughput: This tank may store only gasoline, kerosene, jet kerosene and/or diesel.

Control equipment parameters: N/A

Work practice standards: N/A

Reporting & Record keeping: The permittee shall record and maintain a list of all products stored in this tank.

Authority for Requirement: 567 IAC 22.206(1)

Monitoring and Reporting Requirements

Not applicable at this time.

Emission Point ID Number: T-05

Associated Equipment

Associated Emission Unit ID Numbers (if multiple units vent through this EP): T-05

Applicable Requirements

Emission Unit vented through this Emission Point: T-05

Emission Unit Description: Lifter Roof Tank

Raw Material/Fuel: Kerosene, jet kerosene and/or diesel

Rated Capacity: 837,676 gallons

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

Not applicable at this time.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Hours of operation: N/A

Process throughput: This tank may store only kerosene, jet kerosene and/or diesel.

Control equipment parameters: N/A

Work practice standards: N/A

Reporting & Record keeping: The permittee shall record and maintain a list of all products stored in this tank.

Authority for Requirement: 567 IAC 22.206(1)

Monitoring and Reporting Requirements

Not applicable at this time.

Emission Point ID Number: T-06

Associated Equipment

Associated Emission Unit ID Numbers (if multiple units vent through this EP): T-06

Applicable Requirements

Emission Unit vented through this Emission Point: T-06

Emission Unit Description: Vertical Fixed Roof Tank

Raw Material/Fuel: Kerosene, jet kerosene and/or diesel

Rated Capacity: 3,371,676 gallons

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

Not applicable at this time.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Hours of operation: N/A

Process throughput: This tank may store only kerosene, jet kerosene and/or diesel.

Control equipment parameters: N/A

Work practice standards: N/A

Reporting & Record keeping: The permittee shall record and maintain a list of all products stored in this tank.

Authority for Requirement: 567 IAC 22.206(1)

Monitoring and Reporting Requirements

Not applicable at this time.

Emission Point ID Number: T-07

Associated Equipment

Associated Emission Unit ID Numbers (if multiple units vent through this EP): T-07

Applicable Requirements

Emission Unit vented through this Emission Point: T-07

Emission Unit Description: External Floating Roof Tank

Raw Material/Fuel: Gasoline, kerosene, jet kerosene and/or diesel

Rated Capacity: 1,008,462 gallons

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

Not applicable at this time.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Hours of operation: N/A

Process throughput: This tank may store only gasoline, kerosene, jet kerosene and/or diesel.

Control equipment parameters: N/A

Work practice standards: N/A

Reporting & Record keeping: The permittee shall record and maintain a list of all products stored in this tank.

Authority for Requirement: 567 IAC 22.206(1)

Monitoring and Reporting Requirements

Not applicable at this time.

Emission Point ID Number: T-08

Associated Equipment

Associated Emission Unit ID Numbers (if multiple units vent through this EP): T-08

Applicable Requirements

Emission Unit vented through this Emission Point: T-08

Emission Unit Description: Vertical Fixed Roof Tank

Raw Material/Fuel: Kerosene, jet kerosene and/or diesel

Rated Capacity: 2,325,162 gallons

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

Not applicable at this time.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Hours of operation: N/A

Process throughput: This tank may store only kerosene, jet kerosene and/or diesel.

Control equipment parameters: N/A

Work practice standards: N/A

Reporting & Record keeping: The permittee shall record and maintain a list of all products stored in this tank.

Authority for Requirement: 567 IAC 22.206(1)

Monitoring and Reporting Requirements

Not applicable at this time.

Emission Point ID Number: T-09

Associated Equipment

Associated Emission Unit ID Numbers (if multiple units vent through this EP): T-09

Applicable Requirements

Emission Unit vented through this Emission Point: T-09

Emission Unit Description: External Floating Roof Tank

Raw Material/Fuel: Gasoline, kerosene, jet kerosene and/or diesel

Rated Capacity: 2,331,546 gallons

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

Not applicable at this time.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Hours of operation: N/A

Process throughput: This tank may store only gasoline, kerosene, jet kerosene and/or diesel.

Control equipment parameters: N/A

Work practice standards: N/A

Reporting & Record keeping: The permittee shall record and maintain a list of all products stored in this tank.

Authority for Requirement: 567 IAC 22.206(1)

Monitoring and Reporting Requirements

Not applicable at this time.

Emission Point ID Number: T-10

Associated Equipment

Associated Emission Unit ID Numbers (if multiple units vent through this EP): T-10

Applicable Requirements

Emission Unit vented through this Emission Point: T-10

Emission Unit Description: Internal Floating Roof Tank

Raw Material/Fuel: Gasoline, kerosene, jet kerosene and/or diesel

Rated Capacity: 1,690,164 gallons

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

Not applicable at this time.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Hours of operation: N/A

Process throughput: This tank may store only gasoline, kerosene, jet kerosene and/or diesel.

Control equipment parameters: N/A

Work practice standards: The tank shall be equipped with a floating roof, a vapor recovery system, or their equivalents. *40 CFR 60.112(a)(1) as adopted in 567 IAC 23.1(2)*

Reporting & Record keeping: The owner/operator shall maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period. *40 CFR 60.113(a) as adopted in 567 IAC 23.1(2)*

Monitoring and Reporting Requirements

Not applicable at this time.

Emission Point ID Number: T-310

Associated Equipment

Associated Emission Unit ID Number (if multiple units vent through this EP): T-310

Applicable Requirements

Emission Unit vented through this Emission Point: T-310

Emission Unit Description: Vertical Fixed Roof Tank

Raw Material/Fuel: Ethanol, kerosene, jet kerosene and/or diesel

Rated Capacity: 418,152 gallons

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

Not applicable at this time.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Hours of operation: N/A

Process throughput: This tank may store only ethanol, kerosene, jet kerosene and/or diesel.

Control equipment parameters: N/A

Work practice standards: N/A

Reporting & Record keeping: The permittee shall record and maintain a list of all products stored in this tank.

Authority for Requirement: 567 IAC 22.206(1)

Monitoring and Reporting Requirements

Not applicable at this time.

Emission Point ID Number: T-655

Associated Equipment

Associated Emission Unit ID Number (if multiple units vent through this EP): T-655

Applicable Requirements

Emission Unit vented through this Emission Point: T-655

Emission Unit Description: External Floating Roof Tank

Raw Material/Fuel: Gasoline, kerosene, jet kerosene and/or diesel

Rated Capacity: 2,306,682 gallons

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

Not applicable at this time.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Hours of operation: N/A

Process throughput: This tank may store only gasoline, kerosene, jet kerosene and/or diesel.

Control equipment parameters: N/A

Work practice standards: N/A

Reporting & Record keeping: The permittee shall record and maintain a list of all products stored in this tank.

Authority for Requirement: 567 IAC 22.206(1)

Monitoring and Reporting Requirements

Not applicable at this time.

Emission Point ID Number: T-755

Associated Equipment

Associated Emission Unit ID Number (if multiple units vent through this EP): T-755

Applicable Requirements

Emission Unit vented through this Emission Point: T-755

Emission Unit Description: Internal Floating Roof Tank

Raw Material/Fuel: Gasoline, kerosene, jet kerosene and/or diesel

Rated Capacity: 2,227,092 gallons

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

Not applicable at this time.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Hours of operation: N/A

Process throughput: This tank may store only gasoline, kerosene, jet kerosene and/or diesel.

Control equipment parameters: N/A

Work practice standards: N/A

Reporting & Record keeping: The permittee shall record and maintain a list of all products stored in this tank.

Authority for Requirement: 567 IAC 22.206(1)

Monitoring and Reporting Requirements

Not applicable at this time.

Emission Point ID Number: T-855

Associated Equipment

Associated Emission Unit ID Number (if multiple units vent through this EP): T-855

Applicable Requirements

Emission Unit vented through this Emission Point: T-855

Emission Unit Description: Vertical Fixed Roof Tank

Raw Material/Fuel: Kerosene, jet kerosene and/or diesel

Rated Capacity: 2,339,568 gallons

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

Not applicable at this time.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Hours of operation: N/A

Process throughput: This tank may store only kerosene, jet kerosene and/or diesel.

Control equipment parameters: N/A

Work practice standards: N/A

Reporting & Record keeping: The permittee shall record and maintain a list of all products stored in this tank.

Authority for Requirement: 567 IAC 22.206(1)

Monitoring and Reporting Requirements

Not applicable at this time.

Emission Point ID Number: T-107

Associated Equipment

Associated Emission Unit ID Number (if multiple units vent through this EP): T-107

Applicable Requirements

Emission Unit vented through this Emission Point: T-107

Emission Unit Description: Vertical Fixed Roof Tank

Raw Material/Fuel: Kerosene, jet kerosene and/or diesel

Rated Capacity: 314,832 gallons

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

Not applicable at this time.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Hours of operation: N/A

Process throughput: This tank may store only kerosene, jet kerosene and/or diesel.

Control equipment parameters: N/A

Work practice standards: N/A

Reporting & Record keeping: The permittee shall record and maintain a list of all products stored in this tank.

Authority for Requirement: 567 IAC 22.206(1)

Monitoring and Reporting Requirements

Not applicable at this time.

Emission Point ID Number: T-207

Associated Equipment

Associated Emission Unit ID Number (if multiple units vent through this EP): T-207

Applicable Requirements

Emission Unit vented through this Emission Point: T-207

Emission Unit Description: Vertical Fixed Roof Tank

Raw Material/Fuel: Kerosene, jet kerosene and/or diesel

Rated Capacity: 310,968 gallons

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

Not applicable at this time.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Hours of operation: N/A

Process throughput: This tank may store only kerosene, jet kerosene and/or diesel.

Control equipment parameters: N/A

Work practice standards: N/A

Reporting & Record keeping: The permittee shall record and maintain a list of all products stored in this tank.

Authority for Requirement: 567 IAC 22.206(1)

Monitoring and Reporting Requirements

Not applicable at this time.

Emission Point ID Number: T-940

Associated Equipment

Associated Emission Unit ID Number (if multiple units vent through this EP): T-940

Applicable Requirements

Emission Unit vented through this Emission Point: T-940

Emission Unit Description: Internal Floating Roof Tank

Raw Material/Fuel: Gasoline, kerosene, jet kerosene and/or diesel

Rated Capacity: 1,629,978 gallons

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

Not applicable at this time.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Hours of operation: N/A

Process throughput: This tank may store only gasoline, kerosene, jet kerosene and/or diesel.

Control equipment parameters: N/A

Work practice standards: N/A

Reporting & Record keeping: The permittee shall record and maintain a list of all products stored in this tank.

Authority for Requirement: 567 IAC 22.206(1)

Monitoring and Reporting Requirements

None required at this time.

Emission Point ID Number: T-APHIL

Associated Equipment

Associated Emission Unit ID Number (if multiple units vent through this EP): T-APHIL

Applicable Requirements

Emission Unit vented through this Emission Point: T-APHIL

Emission Unit Description: Vertical Fixed Roof Tank

Raw Material/Fuel: Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. Other specific additives may also be handled by this unit provided that each such additive has lower HAP concentrations than Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009; and provided that each such additive has a vapor pressure and molecular weight such that the product of its vapor pressure (psia) and molecular weight is less than the product of the vapor pressure (psia) and molecular weight of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. When determining if a specific additive meets the latter criterion, the vapor pressure of the new additive must be based upon a temperature that is equal to or greater than the temperature upon which the vapor pressures of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009 are based. For this demonstration, the vapor pressures of all additives must be based upon a temperature of at least 46 °F and no greater than 100 °F.

Rated Capacity: 9,988 gallons

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

Not applicable at this time.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Hours of operation: N/A

Process throughput: This tank may store only Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. Other specific additives may also be handled by this unit provided that each such additive has lower HAP concentrations than Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009; and provided that each such additive has a vapor pressure and molecular weight such that the product of its vapor pressure (psia) and molecular weight is less than the product of the vapor pressure (psia) and molecular weight of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. When determining if a specific additive meets the latter criterion, the vapor pressure of the new additive must be based upon a temperature that is equal to or greater than the temperature upon which the vapor pressures of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and

Unichem 8009 are based. For this demonstration, the vapor pressures of all additives must be based upon a temperature of at least 46 °F and no greater than 100 °F.

Control equipment parameters: N/A

Work practice standards: N/A

Reporting & Record keeping: The permittee shall record and maintain a list of all products stored in this tank. For each additive not specifically approved by this permit, the permittee must maintain records demonstrating that each such additive has lower HAP concentrations than Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. The permittee must also maintain records which demonstrate that each such additive has a vapor pressure and molecular weight such that the product of its vapor pressure (psia) and molecular weight is less than the product of the vapor pressure (psia) and molecular weight of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. The vapor pressure of the new additive must be based upon a temperature that is equal to or greater than the temperature upon which the vapor pressures of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009 are based; the temperature corresponding to each vapor pressure must be clearly specified in the records. For this demonstration, the vapor pressures of all additives must be based upon a temperature of at least 46 °F and no greater than 100 °F.

Authority for Requirement: 567 IAC 22.206(1)

Monitoring and Reporting Requirements

Not applicable at this time.

Emission Point ID Number: T-ATEX

Associated Equipment

Associated Emission Unit ID Number (if multiple units vent through this EP): T-ATEX

Applicable Requirements

Emission Unit vented through this Emission Point: T-ATEX

Emission Unit Description: Horizontal Fixed Roof Tank

Raw Material/Fuel: This tank may store only Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. Other specific additives may also be handled by this unit provided that each such additive has lower HAP concentrations than Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009; and provided that each such additive has a vapor pressure and molecular weight such that the product of its vapor pressure (psia) and molecular weight is less than the product of the vapor pressure (psia) and molecular weight of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. When determining if a specific additive meets the latter criterion, the vapor pressure of the new additive must be based upon a temperature that is equal to or greater than the temperature upon which the vapor pressures of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009 are based. For this demonstration, the vapor pressures of all additives must be based upon a temperature of at least 46 °F and no greater than 100 °F.

Rated Capacity: 2,000 gallons

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

Not applicable at this time.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Hours of operation: N/A

Process throughput: This tank may store only Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. Other specific additives may also be handled by this unit provided that each such additive has lower HAP concentrations than Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009; and provided that each such additive has a vapor pressure and molecular weight such that the product of its vapor pressure (psia) and molecular weight is less than the product of the vapor pressure (psia) and molecular weight of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. When determining if a specific additive meets the latter criterion, the vapor pressure of the new additive must be based upon a temperature that is equal to or greater than the temperature upon which the vapor pressures of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and

Unichem 8009 are based. For this demonstration, the vapor pressures of all additives must be based upon a temperature of at least 46 °F and no greater than 100 °F.

Control equipment parameters: N/A

Work practice standards: N/A

Reporting & Record keeping: The permittee shall record and maintain a list of all products stored in this tank. For each additive not specifically approved by this permit, the permittee must maintain records demonstrating that each such additive has lower HAP concentrations than Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. The permittee must also maintain records which demonstrate that each such additive has a vapor pressure and molecular weight such that the product of its vapor pressure (psia) and molecular weight is less than the product of the vapor pressure (psia) and molecular weight of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. The vapor pressure of the new additive must be based upon a temperature that is equal to or greater than the temperature upon which the vapor pressures of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009 are based; the temperature corresponding to each vapor pressure must be clearly specified in the records. For this demonstration, the vapor pressures of all additives must be based upon a temperature of at least 46 °F and no greater than 100 °F.

Authority for Requirement: 567 IAC 22.206(1)

Monitoring and Reporting Requirements

Not applicable at this time.

Emission Point ID Number: T-AFARM

Associated Equipment

Associated Emission Unit ID Number (if multiple units vent through this EP): T-AFARM

Applicable Requirements

Emission Unit vented through this Emission Point: T-AFARM

Emission Unit Description: Horizontal Fixed Roof Tank

Raw Material/Fuel: This tank may store only Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. Other specific additives may also be handled by this unit provided that each such additive has lower HAP concentrations than Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009; and provided that each such additive has a vapor pressure and molecular weight such that the product of its vapor pressure (psia) and molecular weight is less than the product of the vapor pressure (psia) and molecular weight of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. When determining if a specific additive meets the latter criterion, the vapor pressure of the new additive must be based upon a temperature that is equal to or greater than the temperature upon which the vapor pressures of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009 are based. For this demonstration, the vapor pressures of all additives must be based upon a temperature of at least 46 °F and no greater than 100 °F.

Rated Capacity: 2,000 gallons

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

Not applicable at this time.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Hours of operation: N/A

Process throughput: This tank may store only Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. Other specific additives may also be handled by this unit provided that each such additive has lower HAP concentrations than Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009; and provided that each such additive has a vapor pressure and molecular weight such that the product of its vapor pressure (psia) and molecular weight is less than the product of the vapor pressure (psia) and molecular weight of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. When determining if a specific additive meets the latter criterion, the vapor pressure of the new additive must be based upon a temperature that is equal to or greater than the temperature upon which the vapor pressures of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and

Unichem 8009 are based. For this demonstration, the vapor pressures of all additives must be based upon a temperature of at least 46 °F and no greater than 100 °F.

Control equipment parameters: N/A

Work practice standards: N/A

Reporting & Record keeping: The permittee shall record and maintain a list of all products stored in this tank. For each additive not specifically approved by this permit, the permittee must maintain records demonstrating that each such additive has lower HAP concentrations than Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. The permittee must also maintain records which demonstrate that each such additive has a vapor pressure and molecular weight such that the product of its vapor pressure (psia) and molecular weight is less than the product of the vapor pressure (psia) and molecular weight of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. The vapor pressure of the new additive must be based upon a temperature that is equal to or greater than the temperature upon which the vapor pressures of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009 are based; the temperature corresponding to each vapor pressure must be clearly specified in the records. For this demonstration, the vapor pressures of all additives must be based upon a temperature of at least 46 °F and no greater than 100 °F.

Authority for Requirement: 567 IAC 22.206(1)

Monitoring and Reporting Requirements

Not applicable at this time.

Emission Point ID Number: T-AGROW

Associated Equipment

Associated Emission Unit ID Number (if multiple units vent through this EP): T-AGROW

Applicable Requirements

Emission Unit vented through this Emission Point: T-AGROW

Emission Unit Description: Vertical Fixed Roof Tank

Raw Material/Fuel: This tank may store only Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. Other specific additives may also be handled by this unit provided that each such additive has lower HAP concentrations than Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009; and provided that each such additive has a vapor pressure and molecular weight such that the product of its vapor pressure (psia) and molecular weight is less than the product of the vapor pressure (psia) and molecular weight of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. When determining if a specific additive meets the latter criterion, the vapor pressure of the new additive must be based upon a temperature that is equal to or greater than the temperature upon which the vapor pressures of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009 are based. For this demonstration, the vapor pressures of all additives must be based upon a temperature of at least 46 °F and no greater than 100 °F.

Rated Capacity: 2,000 gallons

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

Not applicable at this time.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Hours of operation: N/A

Process throughput: This tank may store only Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. Other specific additives may also be handled by this unit provided that each such additive has lower HAP concentrations than Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009; and provided that each such additive has a vapor pressure and molecular weight such that the product of its vapor pressure (psia) and molecular weight is less than the product of the vapor pressure (psia) and molecular weight of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. When determining if a specific additive meets the latter criterion, the vapor pressure of the new additive must be based upon a temperature that is equal to or greater than the temperature upon which the vapor pressures of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and

Unichem 8009 are based. For this demonstration, the vapor pressures of all additives must be based upon a temperature of at least 46 °F and no greater than 100 °F.

Control equipment parameters: N/A

Work practice standards: N/A

Reporting & Record keeping: The permittee shall record and maintain a list of all products stored in this tank. For each additive not specifically approved by this permit, the permittee must maintain records demonstrating that each such additive has lower HAP concentrations than Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. The permittee must also maintain records which demonstrate that each such additive has a vapor pressure and molecular weight such that the product of its vapor pressure (psia) and molecular weight is less than the product of the vapor pressure (psia) and molecular weight of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. The vapor pressure of the new additive must be based upon a temperature that is equal to or greater than the temperature upon which the vapor pressures of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009 are based; the temperature corresponding to each vapor pressure must be clearly specified in the records. For this demonstration, the vapor pressures of all additives must be based upon a temperature of at least 46 °F and no greater than 100 °F.

Authority for Requirement: 567 IAC 22.206(1)

Monitoring and Reporting Requirements

Not applicable at this time.

Emission Point ID Number: T-APARA

Associated Equipment

Associated Emission Unit ID Number (if multiple units vent through this EP): T-APARA

Applicable Requirements

Emission Unit vented through this Emission Point: T-APARA

Emission Unit Description: Horizontal Fixed Roof Tank

Raw Material/Fuel: This tank may store only Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. Other specific additives may also be handled by this unit provided that each such additive has lower HAP concentrations than Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009; and provided that each such additive has a vapor pressure and molecular weight such that the product of its vapor pressure (psia) and molecular weight is less than the product of the vapor pressure (psia) and molecular weight of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. When determining if a specific additive meets the latter criterion, the vapor pressure of the new additive must be based upon a temperature that is equal to or greater than the temperature upon which the vapor pressures of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009 are based. For this demonstration, the vapor pressures of all additives must be based upon a temperature of at least 46 °F and no greater than 100 °F.

Rated Capacity: 560 gallons

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

Not applicable at this time.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Hours of operation: N/A

Process throughput: This tank may store only Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. Other specific additives may also be handled by this unit provided that each such additive has lower HAP concentrations than Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009; and provided that each such additive has a vapor pressure and molecular weight such that the product of its vapor pressure (psia) and molecular weight is less than the product of the vapor pressure (psia) and molecular weight of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. When determining if a specific additive meets the latter criterion, the vapor pressure of the new additive must be based upon a temperature that is equal to or greater than the temperature upon which the vapor pressures of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and

Unichem 8009 are based. For this demonstration, the vapor pressures of all additives must be based upon a temperature of at least 46 °F and no greater than 100 °F.

Control equipment parameters: N/A

Work practice standards: N/A

Reporting & Record keeping: The permittee shall record and maintain a list of all products stored in this tank. For each additive not specifically approved by this permit, the permittee must maintain records demonstrating that each such additive has lower HAP concentrations than Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. The permittee must also maintain records which demonstrate that each such additive has a vapor pressure and molecular weight such that the product of its vapor pressure (psia) and molecular weight is less than the product of the vapor pressure (psia) and molecular weight of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. The vapor pressure of the new additive must be based upon a temperature that is equal to or greater than the temperature upon which the vapor pressures of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009 are based; the temperature corresponding to each vapor pressure must be clearly specified in the records. For this demonstration, the vapor pressures of all additives must be based upon a temperature of at least 46 °F and no greater than 100 °F.

Authority for Requirement: 567 IAC 22.206(1)

Monitoring and Reporting Requirements

Not applicable at this time.

Emission Point ID Number: T-ARED

Associated Equipment

Associated Emission Unit ID Number (if multiple units vent through this EP): T-ARED

Applicable Requirements

Emission Unit vented through this Emission Point: T-ARED

Emission Unit Description: Horizontal Fixed Roof Tank

Raw Material/Fuel: This tank may store only Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. Other specific additives may also be handled by this unit provided that each such additive has lower HAP concentrations than Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009; and provided that each such additive has a vapor pressure and molecular weight such that the product of its vapor pressure (psia) and molecular weight is less than the product of the vapor pressure (psia) and molecular weight of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. When determining if a specific additive meets the latter criterion, the vapor pressure of the new additive must be based upon a temperature that is equal to or greater than the temperature upon which the vapor pressures of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009 are based. For this demonstration, the vapor pressures of all additives must be based upon a temperature of at least 46 °F and no greater than 100 °F.

Rated Capacity: 165 gallons

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

Not applicable at this time.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Hours of operation: N/A

Process throughput: This tank may store only Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. Other specific additives may also be handled by this unit provided that each such additive has lower HAP concentrations than Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009; and provided that each such additive has a vapor pressure and molecular weight such that the product of its vapor pressure (psia) and molecular weight is less than the product of the vapor pressure (psia) and molecular weight of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. When determining if a specific additive meets the latter criterion, the vapor pressure of the new additive must be based upon a temperature that is equal to or greater than the temperature upon which the vapor pressures of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and

Unichem 8009 are based. For this demonstration, the vapor pressures of all additives must be based upon a temperature of at least 46 °F and no greater than 100 °F.

Control equipment parameters: N/A

Work practice standards: N/A

Reporting & Record keeping: The permittee shall record and maintain a list of all products stored in this tank. For each additive not specifically approved by this permit, the permittee must maintain records demonstrating that each such additive has lower HAP concentrations than Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. The permittee must also maintain records which demonstrate that each such additive has a vapor pressure and molecular weight such that the product of its vapor pressure (psia) and molecular weight is less than the product of the vapor pressure (psia) and molecular weight of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. The vapor pressure of the new additive must be based upon a temperature that is equal to or greater than the temperature upon which the vapor pressures of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009 are based; the temperature corresponding to each vapor pressure must be clearly specified in the records. For this demonstration, the vapor pressures of all additives must be based upon a temperature of at least 46 °F and no greater than 100 °F.

Authority for Requirement: 567 IAC 22.206(1)

Monitoring and Reporting Requirements

Not applicable at this time.

Emission Point ID Number: FUG VAP

Associated Equipment

Associated Emission Unit ID Number (if multiple units vent through this EP): FUG VAP

Applicable Requirements

Emission Unit vented through this Emission Point: FUG VAP

Emission Unit Description: Fugitive emissions from valves and connectors in vapor service.

Raw Material/Fuel: Gasoline, ethanol, kerosene, jet kerosene, diesel, additives

Rated Capacity: N/A

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

Not applicable at this time.

Operational Limits & Requirements

Not applicable at this time.

Monitoring and Reporting Requirements

Not applicable at this time.

Emission Point ID Number: FUG LIQ

Associated Equipment

Associated Emission Unit ID Number (if multiple units vent through this EP): FUG LIQ

Applicable Requirements

Emission Unit vented through this Emission Point: FUG LIQ

Emission Unit Description: Fugitive emissions from valves, pumps, connectors, open-ended lines and drains in liquid service.

Raw Material/Fuel: Gasoline, ethanol, kerosene, jet kerosene, diesel, additives

Rated Capacity: N/A

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

Not applicable at this time.

Operational Limits & Requirements

Not applicable at this time.

Monitoring and Reporting Requirements

Not applicable at this time.

Emission Point ID Number: LRACK

Associated Equipment

Associated Emission Unit ID Numbers (if multiple units vent through this EP): LRACK

Emissions Control Equipment ID Number: CE-01

Emissions Control Equipment Description: Vapor Combustor Unit

Applicable Requirements

Emission Unit vented through this Emission Point: LRACK

Emission Unit Description: Tanker Truck Loading Rack

Raw Material/Fuel: Gasoline, ethanol, kerosene, jet kerosene, diesel, additives (see definition below)

Rated Capacity: 300,000 gallons/hour

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Volatile Organic Compounds (VOCs)

Emission Limits: 35 milligram/liter gasoline loaded; 66.8 tons/year

Authority for Requirement: 40 CFR 60.502(b) as adopted in 567 IAC 23.1(2) and IDNR Permit 93-A-206-S2

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

This emission source is to be connected to the stack detailed below:

Stack Height (feet): 35

Stack Diameter (inches): 96

Stack Exhaust Flow Rate (scfm): 1.45×10^6

Stack Temperature (°F): 3272 (maximum)

Authority for Requirement: IDNR Permit 93-A-206-S2

Hours of operation: N/A

Process throughput:

Only the following products may be loaded at this loading rack: gasoline, ethanol, kerosene, jet kerosene, diesel and additives. For the purposes of this permit, “additives” means Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. Other specific additives may also be handled by this unit provided that each such additive has lower HAP

concentrations than Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009; and provided that each such additive has a vapor pressure and molecular weight such that the product of its vapor pressure (psia) and molecular weight is less than the product of the vapor pressure (psia) and molecular weight of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009. When determining if a specific additive meets the latter criterion, the vapor pressure of the new additive must be based upon a temperature that is equal to or greater than the temperature upon which the vapor pressures of Clean System 3, Unisol Liquid Red B, Lubrizol 9532M, HiTech 4980 and Unichem 8009 are based. For this demonstration, the vapor pressures of all additives must be based upon a temperature of at least 46 °F and no greater than 100 °F. 567 IAC 22.206(1)

No more than 2,500 gallons of gasoline may be loaded per minute per bay. IDNR Permit 93-A-206-S2

The combined quantity of gasoline loaded at all loading racks at this facility shall not exceed 180,000,000 gallons per rolling 12-month period. 567 IAC 22.206(1)

The combined quantity of kerosene, jet kerosene, and diesel loaded at all loading racks at this facility shall not exceed 180,000,000 gallons per rolling 12-month period. 567 IAC 22.206(1)

The combined quantity of ethanol loaded at all loading racks at this facility shall not exceed 20,000,000 gallons per rolling 12-month period. 567 IAC 22.206(1)

The combined quantity of additives (see above definition of “additives”) loaded at all loading racks at this facility shall not exceed 486,000 gallons per rolling 12-month period. 567 IAC 22.206(1)

Control equipment parameters:

The loading rack shall be equipped with a vapor collection system designed to collect the total organic compounds vapors displaced from tank trucks during product loading. 40 CFR 60.502(a) as adopted in 567 IAC 23.1(2)

The vapor collection system shall be designed to prevent any total organic compounds vapors collected at one loading rack from passing to another loading rack. 40 CFR 60.502(d) as adopted in 567 IAC 23.1(2)

The vapor collection system and liquid loading equipment shall be designed and operated to prevent gauge pressure in the delivery tank from exceeding 4,500 pascals during product loading. This level is not to be exceeded when measured by the procedures specified in 40 CFR 60.503(d). 40 CFR 60.502(h) as adopted in 567 IAC 23.1(2)

No pressure-vacuum vent in the bulk gasoline terminal’s vapor collection system shall begin to open at a system pressure less than 4,500 pascals. 40 CFR 60.502(i) as adopted in 567 IAC 23.1(2)

Work practice standards:

Loading of liquid product into gasoline tank trucks shall be limited to vapor-tight gasoline tank trucks using the following procedures:

- a) The owner or operator shall obtain the vapor tightness documentation described in 40 CFR 60.505(b) for each gasoline tank truck which is to be loaded at the facility.
- b) The owner or operator shall require the tank identification number to be recorded as each gasoline tank truck is loaded at the affected facility.
- c) The owner or operator shall cross-check each tank identification number obtained with the file of tank vapor tightness documentation within 2 weeks after the corresponding tank is loaded.
- d) The terminal owner or operator shall notify the owner or operator of each nonvapor-tight gasoline tank truck loaded at the affected facility within 3 weeks after the loading has occurred.
- e) The terminal owner or operator shall take steps assuring that the nonvapor-tight gasoline tank truck will not be reloaded at the affected facility until vapor tightness documentation for that tank is obtained.
- f) Alternate procedures to items a through e may be used upon application to, and approval by, the Administrator. *40 CFR 60.502(e) as adopted in 567 IAC 23.1(2)*

The owner or operator shall act to assure that loading of gasoline tank trucks at the facility are made only into tanks equipped with vapor collection equipment that is compatible with the terminal's vapor collection system. *40 CFR 60.502(f) as adopted in 567 IAC 23.1(2)*

The owner or operator shall act to assure that the terminal's and the tank truck's vapor collection systems are connected during each loading of a gasoline tank truck at the affected facility. Examples of actions to accomplish this include training drivers in the hookup procedures and posting visible reminder signs at the affected loading racks. *40 CFR 60.502(g) as adopted in 567 IAC 23.1(2)*

Each calendar month, the vapor collection system, the vapor processing system, and each loading rack handling gasoline shall be inspected during the loading of gasoline tank trucks for total organic compounds liquid or vapor leaks. For purposes of this paragraph, detection methods incorporating sight, sound, or smell are acceptable. Each detection of a leak shall be recorded and the source of the leak repaired within 15 calendar days after it is detected. *40 CFR 60.502(j) as adopted in 567 IAC 23.1(2)*

Reporting & Record keeping:

The tank truck vapor tightness documentation required pursuant to 40 CFR 60.502(e)(1) shall be kept on file at the terminal in a permanent form available for inspection. *40 CFR 60.505(a) as adopted in 567 IAC 23.1(2) and IDNR Permit 93-A-206-S2*

The documentation file for each gasoline tank truck shall be updated at least once per year to reflect current test results as determined by EPA Reference Method 27. This documentation shall include, as a minimum, the information specified at 40 CFR 60.505(b). *40 CFR 60.505(b) as adopted in 567 IAC 23.1(2) and IDNR Permit 93-A-206-S2*

A record of each monthly leak inspection shall be kept on file at the terminal for at least 2 years. Inspection records shall include, at a minimum, the information specified at 40 CFR 60.505(c). *40 CFR 60.505(c) as adopted in 567 IAC 23.1(2) and IDNR Permit 93-A-206-S2*

The terminal owner or operator shall keep documentation, for at least 2 years, of all notifications regarding non-vapor tight gasoline tank trucks loaded at the facility. *40 CFR 60.505(d) as adopted in 567 IAC 23.1(2)*

The owner or operator shall keep records of all replacements or additions of components performed on an existing vapor processing system. These records shall be maintained for at least three years. *IDNR Permit 93-A-206-S2*

The owner or operator shall maintain records demonstrating that the process throughput limitation of 2,500 gallons/minute/bay is not exceeded at any time. Examples of records to satisfy this requirement include (1) documentation of maximum pumping capacity (if pumping capacity is 2,500 gallon/minute/bay or less) and/or (2) records showing the amount of product loaded per truck, the time required to fill the truck, and the associated average fill rate for each truck. Other records may be used to satisfy this requirement if approved in advance by the IDNR. *567 IAC 22.206(1)*

Records of total throughput of gasoline, kerosene, jet kerosene, diesel, ethanol and additives through all loading racks at this facility during each consecutive 12-calendar month period shall be maintained on-site. These records shall be updated monthly to reflect throughput for the most recent consecutive 12-calendar month period. Updates must be complete no later than 30 days following the end of the period to which the records relate. *567 IAC 22.206(1)*

Within 30 days of the occurrence, the permittee shall notify the IDNR in writing of the transfer of equipment ownership. *IDNR Permit 93-A-206-S2*

Monitoring and Reporting Requirements

The owner/operator of this equipment shall comply with the Monitoring requirements listed below.

Stack Testing:

No stack testing is required at this time.

The owner of this equipment or his authorized agent shall provide written notice to the Director, not less than 30 days before a required stack test or performance evaluation of a continuous emission monitor. Results of the tests shall be submitted in writing to the Director in the form of a comprehensive report within 6 weeks of the completion of the testing. *567 IAC 25.1(7)*

Other Reporting Requirements:

The owner/operator shall furnish written notification to the IDNR of any instances where the source did not meet any of the emission limits specified above. *IDNR Permit 93-A-206-S2*

Notwithstanding the aforementioned permit provisions relating to emission unit LRACK, the owner/operator shall comply with any applicable requirements under 40 CFR 60 Subpart XX.

Emission Point ID Number: SUMP

Associated Equipment

Associated Emission Unit ID Numbers (if multiple units vent through this EP): SUMP

Applicable Requirements

Emission Unit vented through this Emission Point: SUMP

Emission Unit Description: Wastewater Sump

Raw Material/Fuel: Wastewater/Spilled Material

Rated Capacity: 27,000 gallons/hour

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

Not applicable at this time.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Hours of operation: N/A

Process throughput: This unit may handle wastewater and spilled material from the loading rack only.

Control equipment parameters: N/A

Work practice standards: N/A

Reporting & Record keeping: The permittee shall record and maintain a list of all materials handled by this unit.

Authority for Requirement: 567 IAC 22.206(1)

Monitoring and Reporting Requirements

Not applicable at this time.

Emission Point ID Number: OWS

Associated Equipment

Associated Emission Unit ID Numbers (if multiple units vent through this EP): OWS

Applicable Requirements

Emission Unit vented through this Emission Point: OWS

Emission Unit Description: Oil/Water Separator

Raw Material/Fuel: Groundwater/Tank Bottom Water

Rated Capacity: 900 gallons/hour

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

Not applicable at this time.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Hours of operation: N/A

Process throughput: This unit may handle groundwater and tank bottom water only.

Control equipment parameters: N/A

Work practice standards: N/A

Reporting & Record keeping: The permittee shall record and maintain a list of all materials handled by this unit.

Authority for Requirement: 567 IAC 22.206(1)

Monitoring and Reporting Requirements

Not applicable at this time.

Emission Point ID Number: STRIP

Associated Equipment

Associated Emission Unit ID Numbers (if multiple units vent through this EP): STRIP

Applicable Requirements

Emission Unit vented through this Emission Point: STRIP

Emission Unit Description: Air Stripper

Raw Material/Fuel: Groundwater/Tank Bottom Water

Rated Capacity: 900 gallons/hour

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Pollutant:

Emission Limits:

Authority for Requirement:

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Hours of operation: N/A

Process throughput: This unit may handle groundwater and tank bottom water only.

Control equipment parameters: N/A

Work practice standards: N/A

Reporting & Record keeping: The permittee shall record and maintain a list of all materials handled by this unit.

Authority for Requirement: 567 IAC 22.206(1)

Monitoring and Reporting Requirements

Not applicable at this time.

Emission Point ID Number: PROVE

Associated Equipment

Associated Emission Unit ID Numbers (if multiple units vent through this EP): PROVE

Applicable Requirements

Emission Unit vented through this Emission Point: PROVE

Emission Unit Description: Meter Proving (calibration verification)

Raw Material/Fuel: Gasoline, ethanol, kerosene, jet kerosene, diesel and/or additive

Rated Capacity: N/A

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

Not applicable at this time.

Operational Limits & Requirements

Not applicable at this time.

Monitoring and Reporting Requirements

Not applicable at this time.

IV. General Conditions

This permit is issued under the authority of the Iowa Code subsection 455B.133(8) and in accordance with 567 Iowa Administrative Code (IAC) chapter 22.

A. Eligibility

1. Sources covered by this permit must meet the eligibility requirements for a voluntary operating permit as described in 567 IAC 22.201.

2. If the issuance of a construction permit acts to make the source no longer eligible for a voluntary operating permit, then the source shall, in accordance with subparagraph 22.105(1)"a"(6) not operate without a Title V operating permit, and the source shall be subject to enforcement action for operating without a Title V operating permit. 567 IAC 22.207(1)

B. Duty To Supplement or Correct Application

Any applicant who fails to submit any relevant facts or who has submitted incorrect information in a permit application shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrected information. 567 IAC 22.203(1)"c"

C. Access to the Permit

This voluntary operating permit is to be kept at the location of the source. 567 IAC 22.206(1)"h"

D. Requirement to Apply for a Title V Permit

The permittee may be required to apply for and obtain a Title V operating permit prior to the expiration of this voluntary operating permit. The circumstances under which this may occur are:-the source becomes subject to a newly promulgated standard or other requirement pursuant to IAC 567--22.101 which requires the permittee to apply for a Title V permit; issuance of construction permits which make the source no longer eligible for a voluntary operating permit pursuant to IAC 567--22.207; or the deferment period for non-major sources pursuant to IAC 22.101(2) ends.

Applications for a Title V permit shall be

submitted within 12 months of the date a Title V permit is required. 567 IAC 22.101(2), 567 IAC 22.201(2)"b"

E. Permit Renewal

1. Sources covered by a voluntary operating permit shall reapply for a voluntary operating permit at least 6 months but not more than 12 months prior to the date of expiration of the permit. 576 IAC 22.203(1)"a"(2) Requirements pertaining to making a voluntary operating permit application are contained in 576 IAC 22.203

2. Each application for renewal of a voluntary operating permit shall include a list of construction permits issued during the term of the voluntary operating permit and shall state the effect of each of these construction permits on the conditions of the voluntary operating permit. Applications for renewal shall be accompanied by copies of all construction permits issued during the term of the voluntary operating permit. 567 IAC 22.207(2)

3. To be considered as complete, an application must provide all information required pursuant to subrule 22.203(2). 567 IAC 22.203(1)"b"

F. Duty to Comply

1. The permittee must comply with all conditions of the voluntary operating permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination and revocation; and, for an immediate requirement to obtain a Title V operating permit. 567 IAC 22.206(1)"i"

2. All terms and conditions in the voluntary operating permit, including provisions to limit a source's potential to emit, are enforceable by the administrator and citizens under the Act. 567 IAC 22.206(2)"b"(1)

3. Any terms and conditions included in the permit that are not required under the Act or under any of its applicable requirements shall be designated in the permit as not being federally enforceable. *IAC 22.206(2)"b"(2)*

4. It shall not be a defense for a permittee, in an enforcement action, that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. *567 IAC 22.206(1)"j"*

G. Certification Requirement for Related Documents

Any application, report, compliance certification or other document submitted pursuant to this permit shall contain certification by a responsible official of truth, accuracy, and completeness. All certifications shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. *567 IAC 22.203(1)"d"*

H. Voluntary Operating Permit Fee

Each source in compliance with a current voluntary operating permit shall be exempt from Title V operating permit fees. *567 IAC 22.204*

I. Inspection of Premises, Records, Equipment, Methods and Discharges

Upon presentation of proper credentials and any other documents as may be required by law, the permittee shall allow the director or the director's authorized representative to:

- enter upon the permittee's premises where an emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
- have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
- inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and,
- sample or monitor, at reasonable times,

substances or parameters for the purpose of assuring compliance with the permit or other applicable requirements. *455B.103(4)*

J. Duty to Provide Information

The permittee shall furnish to the director, within a reasonable time, any information that the director may request in writing to determine whether cause exists for revoking or terminating the permit or to determine compliance with the permit. Upon request, the permittee also shall furnish to the director copies of records required to be kept by the permit. *567 IAC 22.206(1)"m"*

K. Hazardous Release

The permittee must report any situation involving the actual, imminent, or probable release of a hazardous substance into the atmosphere which, because of the quantity strength and toxicity of the substance, creates an immediate or potential danger to public health, safety or to the environment. A verbal report shall be made to the IDNR at (515) 281-8964 and to the local police department or the office of the sheriff of the affected county as soon as possible but not later than six hours after the discovery or onset of the condition. This verbal report must be followed up with a written report as indicated in *567 IAC 131.2(2)*. *567 IAC Chapter 131-State Only*

L. Excess Emissions and Excess Emissions Reporting Requirements

1. Excess Emissions. Excess emission during a period of startup, shutdown, or cleaning of control equipment is not a violation of the emission standard if the startup, shutdown or cleaning is accomplished expeditiously and in a manner consistent with good practice for minimizing emissions. Cleaning of control equipment which does not require the shutdown of the process equipment shall be limited to one six-minute period per one-hour period. An incident of excess emission (other than an incident during startup, shutdown or cleaning of control equipment) is a violation. If the owner or operator of a source maintains that the incident of excess emission was due to a malfunction, the owner or operator must show that the conditions which caused the incident of

excess emission were not preventable by reasonable maintenance and control measures. Determination of any subsequent enforcement action will be made following review of this report. If excess emissions are occurring, either the control equipment causing the excess emission shall be repaired in an expeditious manner or the process generating the emissions shall be shutdown within a reasonable period of time. An expeditious manner is the time necessary to determine the cause of the excess emissions and to correct it within a reasonable period of time. A reasonable period of time is eight hours plus the period of time required to shut down the process without damaging the process equipment or control equipment. In the case of an electric utility, a reasonable period of time is eight hours plus the period of time until comparable generating capacity is available to meet consumer demand with the affected unit out of service, unless, the director shall, upon investigation, reasonably determine that continued operation constitutes an unjustifiable environmental hazard and issue an order that such operation is not in the public interest and require a process shutdown to commence immediately.

2. Excess Emissions Reporting.

a. *Oral Reporting of Excess Emissions.* An incident of excess emission (other than an incident of excess emission during a period of startup, shutdown, or cleaning) shall be reported to the appropriate field office of the IDNR within eight hours of, or at the start of the first working day following the onset of the incident. The reporting exemption for an incident of excess emission during startup, shutdown or cleaning does not relieve the owner or operator of a source with continuous monitoring equipment of the obligation of submitting reports required in 567-subrule 25.1(6). An oral report of excess emission is not required for a source with operational continuous monitoring equipment (as specified in 567-subrule 25.1(1)) if the incident of excess emission continues for less than 30 minutes and does not exceed the applicable visible emission standard by more than 10 percent opacity. The oral report may be made in person or by telephone and shall include as a minimum the following:

- the identity of the equipment or source operation from which the excess emission

originated and the associated stack or emission point;

- the estimated quantity of the excess emission;
- the time and expected duration of the excess emission;
- the cause of the excess emission;
- the steps being taken to remedy the excess emission; and,
- the steps being taken to limit the excess emission in the interim period.

b. *Written Reporting of Excess Emissions.* A written report of an incident of excess emission shall be submitted as a follow-up to all required oral reports to the IDNR within seven days of the onset of the upset condition, and shall include as a minimum the following:

- the identity of the equipment or source operation point from which the excess emission originated and the associated stack or emission point;
- the estimated quantity of the excess emission;
- the time and duration of the excess emission;
- the cause of the excess emission;
- the steps that were taken to remedy and to prevent the recurrence of the incident of excess emission;
- the steps that were taken to limit the excess emission; and,
- if the owner claims that the excess emission was due to malfunction, documentation to support this claim. 567 IAC 24.1(1)-567 IAC 24.1(4)

3. Emergency Defense for Excess Emissions.

For the purposes of a voluntary operating permit, an “emergency” means any situation arising from sudden and reasonable unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.

M. Notification Requirements for Sources That Become Subject to NSPS and HAP Regulations

During the term of this permit, the permittee must notify the IDNR of any source that becomes subject to a standard or other requirement under 567-subrule 23.1(2) (standards of performance of new stationary sources) or section 111 of the Act; or 567-subrule 23.1(3) (emissions standards for hazardous air pollutants) or section 112 of the Act. This notification shall be submitted in writing to the IDNR 30 days before the source becomes subject to the fore-mentioned standard or other requirement. *40 CFR part 63.9 as adopted in 567 IAC 23.1(4); 40 CFR part 60.7 as adopted in 567 IAC 23.1(2)*

N. Duty to Obtain Construction Permits

Unless exempted under 567 IAC 22.1(2), the permittee must not construct, install, reconstruct, or alter any equipment, control equipment or anaerobic lagoon without first obtaining a construction permit, conditional permit, or permit pursuant to 567 IAC 22.8 or permits required pursuant to 567 IAC 22.4 and 567 IAC 22.5.

O. Suspension, Termination, and Revocation of Voluntary Operating Permits

1. This permit may be modified, revoked, reopened, reissued, or terminated for cause. *567 IAC 22.208(1)*

2. If the voluntary permit is suspended, terminated or revoked by the IDNR, the notice of such action shall be served on the applicant or permittee by certified mail, return receipt requested. The notice shall include a statement detailing the grounds for the action sought and the proceeding shall in all other respects comply with the requirements of rule 561-7.16(17A.455A). *IAC 567-22.208(2)*

P. Property Rights

The permit does not convey any property rights of any sort, or any exclusive privilege. *567 IAC 22.206(1)"l"*

Q. Fugitive Emissions

Fugitive Emissions from a source shall be included in the permit in the same manner as stack emissions, regardless of whether the source category in question is included in the list of sources contained in the definition of major source. *567 IAC 22.206(2)"a"*

R. Asbestos

The permittee shall comply with 567 IAC 23.1(3)"a", and 567 IAC 23.2(3)"g" when conducting any renovation or demolition activities at the facility. *IAC 23.1(3)"a", and 567 IAC 23.2*

S. Open Burning

The permittee is prohibited from conducting open burning, except as may be allowed by 567 IAC 23.2. *567 IAC 23.2 except 23.2(3)"h"; 567 IAC 23.2(3)"h" - State Only*

T. Stratospheric Ozone and Climate Protection (Title VI) Requirements

1. The permittee shall comply with the standards for labeling of products using ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E:

- a. All containers in which a class I or class II substance is stored or transported, all products containing a class I substance, and all products directly manufactured with a class I substance must bear the required warning statement if it is being introduced into interstate commerce pursuant to § 82.106.
- b. The placement of the required warning statement must comply with the requirements pursuant to § 82.108.
- c. The form of the label bearing the required warning statement must comply with the requirements pursuant to § 82.110.
- d. No person may modify, remove, or interfere with the required warning statement except as described in § 82.112.

2. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for MVACs in Subpart B:

- a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to § 82.156.
- b. Equipment used during the maintenance, service, repair, or disposal of appliances must

comply with the standards for recycling and recovery equipment pursuant to § 82.158.

c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to § 82.161.

d. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with reporting and recordkeeping requirements pursuant to § 82.166. ("MVAC-like appliance" as defined at § 82.152)

e. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to § 82.156.

f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to § 82.166.

3. If the permittee manufactures, transforms, imports, or exports a class I or class II substance, the permittee is subject to all the requirements as specified in 40 CFR part 82, Subpart A, Production and Consumption Controls.

4. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners. The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed.

The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant,

5. The permittee shall be allowed to switch from any ozone-depleting substance to any alternative that is listed in the Significant New Alternatives Program (SNAP) promulgated pursuant to 40 CFR part 82, Subpart G, Significant New Alternatives Policy Program. *40 CFR part 82*

U. Disclaimer

No review has been undertaken on the engineering aspects of the equipment or control equipment other than the potential of that equipment for reducing air contaminant emissions. *567 IAC 22.3(3)"c"*

V. Prevention of Accidental Release: Risk Management Plan

If the permittee is required to develop and register a risk management plan pursuant to section 112(r) of the Act, the plan shall be filed with all appropriate authorities by the deadline specified by EPA. *40 CFR 68*

W. Facility Operation

All equipment, facilities and systems covered under the terms and conditions of this Voluntary Operating Permit shall at all times be maintained in good working order and be operated in the manner consistent with the information provided in the application, manufacturer's recommended procedures, associated plans, and specifications. *567 IAC 24.2(1)*

X. Contact List

Reports of notifications should be forwarded to the following DNR field offices. Current addresses and phone numbers are:

Field Office 1

817 W. Fayette St.
Manchester, IA 52057
(319) 927-2640

Field Office 2

P.O. Box 1443
2300-15th St., SW
Mason City, IA 50401
(515) 424-4073

Field Office 3

1900 N. Grand Ave.
Spencer, IA 51301
(712) 262-4177

Field Office 4

706 Sunnyside
Atlantic, IA 50022
(712) 243-1934

Field Office 5

607 East 2nd St.
Des Moines, IA 50309
(515) 281-9069

Field Office 6

1004 W. Madison
Washington, IA 52353
(515) 653-2135

Y. Severability

The provisions of this permit are severable and if any provision or application of any provision is found to be invalid by this department or a court of law, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected by such finding.

567 IAC 22.206(1)"a"